

SEQUENCE LISTING

<110> Stanton, Lawrence W.
Kapoun, Ann Marie

<120> SECRETED FACTORS

<130> SCIOS.014A

<150> 60/156,280

<151> 1999-09-27

<160> 19

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 236

<212> PRT

<213> Rattus norvegicus

<400> 1

Met	Lys	Ala	Leu	Arg	Ala	Val	Leu	Leu	Ile	Leu	Leu	Leu	Ser	Gly	Gln
1				5					10					15	
Pro	Gly	Ser	Ser	Trp	Ala	Gln	Glu	Ala	Gly	Asp	Val	Asp	Leu	Glu	Leu
			20					25					30		
Glu	Arg	Tyr	Ser	Tyr	Asp	Asp	Asp	Gly	Asp	Asp	Asp	Asp	Asp	Asp	Asp
		35					40					45			
Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Thr	Asn	Met	Ile	Pro	Gly	Ser	Arg
	50						55					60			
Arg	Ala	Pro	Pro	Leu	Gln	Cys	Tyr	Phe	Cys	Gln	Val	Leu	His	Ser	Gly
65					70					75					80
Glu	Ser	Cys	Asn	Glu	Thr	Gln	Arg	Cys	Ser	Ser	Ser	Lys	Pro	Phe	Cys
			85						90					95	
Ile	Thr	Val	Ile	Ser	His	Gly	Lys	Thr	Asp	Thr	Gly	Val	Leu	Thr	Thr
			100					105					110		
Tyr	Ser	Met	Trp	Cys	Thr	Asp	Thr	Cys	Gln	Pro	Ile	Val	Lys	Thr	Val
		115					120					125			
Asp	Ser	Thr	Gln	Met	Thr	Gln	Thr	Cys	Cys	Gln	Ser	Thr	Leu	Cys	Asn
		130				135					140				
Ile	Pro	Pro	Trp	Gln	Ser	Pro	Gln	Ile	His	Asn	Pro	Leu	Gly	Gly	Arg
145				150					155						160
Ala	Asp	Ser	Pro	Leu	Lys	Gly	Gly	Thr	Arg	His	Pro	Gln	Gly	Asp	Arg
				165				170						175	
Phe	Ser	His	Pro	Gln	Val	Val	Lys	Val	Thr	His	Pro	Gln	Ser	Asp	Gly
			180					185				190			
Ala	His	Leu	Ser	Lys	Gly	Gly	Lys	Ala	Asn	Gln	Pro	Gln	Gly	Asn	Gly
	195						200					205			
Ala	Gly	Phe	Pro	Ala	Gly	Trp	Ser	Lys	Phe	Gly	Asn	Val	Val	Leu	Leu
	210					215					220				
Leu	Thr	Phe	Leu	Thr	Ser	Leu	Trp	Ala	Ser	Gly	Ala				

225

230

235

<210> 2

<211> 874

<212> DNA

<213> Rattus norvegicus

<220>

<221> CDS

<222> (42)...(749)

<400> 2

tctagcgaac cccttcggtg gacagaacag cctgagtcag g atg aaa gct ctc agg 56
 Met Lys Ala Leu Arg
 1 5

gct gtc ctc ctg atc ttg cta ctc agt gga cag cca ggg agc agc tgg 104
 Ala Val Leu Leu Ile Leu Leu Leu Ser Gly Gln Pro Gly Ser Ser Trp
 10 15 20

gca caa gaa gct ggc gat gtg gac ctg gag cta gag cgc tac agc tac 152
 Ala Gln Glu Ala Gly Asp Val Asp Leu Glu Leu Glu Arg Tyr Ser Tyr
 25 30 35

gat gat gac ggt gat gac gat gat gac gat gat gaa gaa gag gaa gag 200
 Asp Asp Asp Gly Asp Asp Asp Asp Asp Asp Asp Glu Glu Glu Glu Glu
 40 45 50

gag gag acc aac atg atc cct ggc agc agg gac aga gca ccg cct cta 248
 Glu Glu Thr Asn Met Ile Pro Gly Ser Arg Asp Arg Ala Pro Pro Leu
 55 60 65

cag tgc tac ttc tgc caa gtg ctt cac agc ggg gag agc tgc aac gag 296
 Gln Cys Tyr Phe Cys Gln Val Leu His Ser Gly Glu Ser Cys Asn Glu
 70 75 80 85

aca cag aga tgc tcc agc agc aag ccc ttc tgt atc aca gtc atc tcc 344
 Thr Gln Arg Cys Ser Ser Ser Lys Pro Phe Cys Ile Thr Val Ile Ser
 90 95 100

cat ggc aaa act gac aca ggt gtc ctg acg acc tac tcc atg tgg tgt 392
 His Gly Lys Thr Asp Thr Gly Val Leu Thr Thr Tyr Ser Met Trp Cys
 105 110 115

act gat acc tgc cag ccc atc gtg aag aca gtg gac agc acc caa atg 440
 Thr Asp Thr Cys Gln Pro Ile Val Lys Thr Val Asp Ser Thr Gln Met
 120 125 130

acc cag acc tgt tgc cag tcc aca ctc tgc aat att cca ccc tgg cag 488
 Thr Gln Thr Cys Cys Gln Ser Thr Leu Cys Asn Ile Pro Pro Trp Gln
 135 140 145

agc ccc caa atc cac aac cct ctg ggt ggc cgg gca gac agc ccc ttg 536
 Ser Pro Gln Ile His Asn Pro Leu Gly Gly Arg Ala Asp Ser Pro Leu
 150 155 160 165

aag ggt ggg acc aga cat cct caa ggt gac agg ttt agc cac ccc cag 584
 Lys Gly Gly Thr Arg His Pro Gln Gly Asp Arg Phe Ser His Pro Gln
 170 175 180

gtt gtc aag gtt act cat cct cag agt gat ggg gct cac ttg tct aag 632
 Val Val Lys Val Thr His Pro Gln Ser Asp Gly Ala His Leu Ser Lys
 185 190 195

ggt ggc aag gct aac cag ccc cag gga aat ggg gcc gga ttc cct gca 680
 Gly Gly Lys Ala Asn Gln Pro Gln Gly Asn Gly Ala Gly Phe Pro Ala
 200 205 210

ggc tgg agc aaa ttt ggt aac gta gtt ctc ctg ctc acc ttc ctc acc 728
 Gly Trp Ser Lys Phe Gly Asn Val Val Leu Leu Leu Thr Phe Leu Thr
 215 220 225

agt ctg tgg gca tca ggg gcc taaagactcg tcctccccc accaggaccc 779
 Ser Leu Trp Ala Ser Gly Ala
 230 235

ttcagccttt cctccctgac aaccagcttc agagaataaaa cttgaatgtc ttttgccatc 839
 taaaaaaaaa aaaaaaaaaa aaaaaagcgg ccgcc 874

<210> 3
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> synthetic

<400> 3
 cgtatgttgt gtggaattgt gagcg 25

<210> 4
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> synthetic

<400> 4
 gatgtgctgc aaggcgatta agttg 25

<210> 5
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
<223> synthetic

<400> 5
gccgccagtg tgctggaatt cggctagc

28

<210> 6
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 6
cgaattctgc agatatccat cacactgg

28

<210> 7
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 7
ctagagggcc caattcgccc tatag

25

<210> 8
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 8
tgagtcgtat tacaattcac tggcc

25

<210> 9
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 9
gctcgatcc actagtaacg

20

<210> 10
<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 10
tttttttttt tttttttt

18

<210> 11
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 11
cgtatgttgt gtggaattgt gagcg

25

<210> 12
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 12
gatgtgctgc aaggcgatta agttg

25

<210> 13
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 13
gctgcaacga gacacagaga tg

22

<210> 14
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 14
cagttttgcc atgggagatg a

21

<210> 15
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 15
ccagcagcaa gcccttctgt atcaca

26

<210> 16
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 16
cggctaccac atccaaggaa

20

<210> 17
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 17
gctggaatta ccgcggct

18

<210> 18
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic

<400> 18
tgctggcacc agacttgccc tc

22

<210> 19
<211> 874
<212> DNA
<213> Rattus norvegicus

<400> 19
agatcgcttg gggaagccac ctgtcttgtc ggactcagtc ctactttcga gagtcccgac 60
aggaggacta gaacgatgag tcacctgtcg gtccctcgtc gaccctgtgtt cttegaccgc 120
tacacctgga cctcgatctc gcgatgtcga tgctactact gccactactg ctactactgc 180

tactacttct	tctccttctc	ctcctctggt	tgtactaggg	accgtcgtcc	ctgtctcgtg	240
gcggagatgt	cacgatgaag	acggttcacg	aagtgtcgcc	cctctcgacg	ttgctctgtg	300
tctctacgag	gtcgtcggtc	gggaagacat	agtgtcagta	gagggtagcg	ttttgactgt	360
gtccacagga	ctgctggatg	aggtacacca	catgactatg	gacggtcggg	tagcacttct	420
gtcacctgtc	gtgggtttac	tgggtctgga	caacggtcag	gtgtgagacg	ttataaggtg	480
ggaccgtctc	gggggtttag	gtgttgggag	acccaccggc	cgtctgtcgc	gggaacttcc	540
caccctgggc	tgtaggagtt	ccactgtcca	aatcgggtggg	ggccaacag	ttccaatgag	600
taggagtctc	actaccccgga	gtgaacagat	tcccaccggt	ccgattgggc	gggggtccctt	660
taccccgccc	taagggacgt	ccgacctcgt	ttaaaccatt	gcataagag	gacgagtggg	720
aggagtgggc	agacacccgt	agtccccgga	tttctgagca	ggaggggggt	ggtcctggga	780
agtcggaaaag	gagggactgt	tggtcgaagt	ctcttatttg	aacttacaga	aaacggtaga	840
tttttttttt	tttttttttt	tttttcgccg	gcgg			874